

**TRANSMITTAL**

In Re Application of: )  
 John T. Loper et al. )  
 )  
 Serial Number: Not yet assigned )  
 )  
 Filed: December 31, 2003 )  
 )  
 For: **HYDROCARBYL DISPERSANTS** )  
**INCLUDING PENDANT POLAR** )  
**FUNCTIONAL GROUPS** )

19270 U.S. PTO  
 10/749276  
 123103

**CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8**

I hereby certify that the complete patent application stapled hereto and identified below is being deposited by me with the United States Postal Service as **Express Mail** (Express Mail Label No. **ER127286517US**) on December 31, 2003, with sufficient postage in an envelope addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*Beth Earnest*  
 Beth Earnest

Mail Stop Patent Application  
 Commissioner for Patents  
 P. O. Box 1450  
 Alexandria, VA 22313-1450

Sir:

Transmitted herewith is an application for U.S. Patent, including the following:

Utility Patent Application Transmittal, PTO/SB/05  
 Application for Patent (25 pages, 33 claims)  
 Return Postcard

The claim fee has been calculated as shown below:

				<b>Other than a Small Entity</b>	
	<b>Claims</b>	<b>Highest Number Previously Paid for</b>	<b>Extra Claims Present</b>	<b>Rate</b>	<b>Additional Claim Fee</b>
<b>TOTAL</b>	<b>33</b>	<b>20</b>	<b>13</b>	<b>X 18=</b>	<b>\$234.00</b>
<b>INDEPENDENT</b>	<b>4</b>	<b>3</b>	<b>1</b>	<b>X 86=</b>	<b>\$ 86.00</b>
<b>Yes ___ No _X_</b>	<b>First Presentation of Multi-Dep. Claim</b>			<b>+ 290=</b>	<b>\$</b>
				<b>TOTAL</b>	<b>\$320.00</b>

☒ Please charge my Deposit Account No. 05-1372 in the amount of \$1,090.00 (\$770.00 basic filing fee – utility, and \$320.00 in claim fees. A duplicate copy of this sheet is attached.

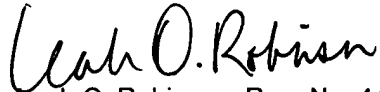
☒ The Commissioner is hereby authorized to charge any deficiencies in the following fees associated with this communication or credit any overpayment to Deposit Account No. 05-1372. A duplicate copy of this sheet is attached.

☒ Any filing fees under 37 C.F.R. § 1.16 for the presentation of extra claims.

☒ Any patent application processing fees under 37 C.F.R. § 1.17.

Respectfully submitted,

**ETHYL PETROLEUM ADDITIVES, INC.**



Leah O. Robinson, Reg. No. 44,990

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Date: December 31, 2003

<b>UTILITY PATENT APPLICATION TRANSMITTAL</b>  <i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i>	Attorney Docket No.	EI-7627
	First Inventor	John T. Loper et al.
	Title	HYDROCARBYL DISPERSANTS INCLUDING PENDANT POLAR FUNCTIONAL GROUPS
	Express Mail Label No.	ER127286517US

<b>APPLICATION ELEMENTS</b> <i>See MPEP chapter 600 concerning utility patent application contents.</i>	<b>ADDRESS TO:</b> Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450
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1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) *TRANSMITTAL, w/certif. of mailing and fee calculation (Submit an original and a duplicate for fee processing) 2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. 3. <input checked="" type="checkbox"/> Specification [Total Pages 25] (preferred arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 4. <input type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets _____] 5. Oath or Declaration [Total Sheets _____] a. <input type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed) i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76	7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> Paper c. <input type="checkbox"/> Statements verifying identity of above copies
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**ACCOMPANYING APPLICATION PARTS**

- |   |  |
|---|--|
| 9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))   |  |
| 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement (when there is an assignee)   | <input type="checkbox"/> Power of Attorney       |
| 11. <input type="checkbox"/> English Translation Document (if applicable)   |  |
| 12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449  | <input type="checkbox"/> Copies of IDS Citations |
| 13. <input type="checkbox"/> Preliminary Amendment  |  |
| 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)                                  |  |
| 15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)  |  |
| 16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. |  |
| 17. <input checked="" type="checkbox"/> Other: Utility Patent Application Trans.. PTO/SB/05.....  |  |

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_ Art Unit: \_\_\_\_\_  
 For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

<input checked="" type="checkbox"/> Customer Number:	34769	OR	<input type="checkbox"/> Correspondence address below
Name			
Address			
City	State	Zip Code	
Country	Telephone	Fax	

Name (Print/Type)	Leah O. Robinson	Registration No. (Attorney/Agent)	44,990
Signature	<i>Leah O. Robinson</i>	Date	December 31, 2003

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: )  
John T. Loper et al. )  
 )  
Application No.: UNASSIGNED )  
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Filed: December 31, 2003 )  
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For: HYDROCARBYL DISPERSANTS )  
INCLUDING PENDANT POLAR )  
FUNCTIONAL GROUPS )

Mail Stop Patent Application  
Commissioner for Patents  
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Sir:


**CERTIFICATE UNDER 37 CFR 1.10 - EXPRESS MAIL**

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Said patent application consists of the following:

1. Specification, Claims and Abstract (25 pages, 33 claims)
2. Transmittal, with fee calculation
3. Utility Patent Application Transmittal (PTO/SB/05)

Return postcard attached hereto but not stapled.

  
Beth Earnest  
Date: December 31, 2003

Telephone: (804) 788-6129  
**EXPRESS MAIL NO.: ER127286517US**